

ABSTRACT OF THE DISCLOSURE

5 Anti-TNF antibodies, fragments and regions thereof which are specific for human tumor necrosis factor- $\alpha$  (TNF $\alpha$ ) and are useful *in vivo* diagnosis and therapy of a number of TNF $\alpha$ -mediated pathologies and conditions, as well as polynucleotides coding for murine and chimeric antibodies, methods of producing the antibody, methods of use of the anti-TNF antibody, or fragment, region or derivative thereof, in immunoassays and immunotherapeutic approaches are provided.